Of the Diseases & Disorders of the Organs of ~~Speech~~ Voice & Speech.

of the Disorders of the Lungs & Omentum.

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Of the Diseases & Disorders of the Organs of Speech

Hoarseness.

This distressing disease of the Trachea, and glottis is induced by the following causes.

1 A tumor in the Trachea. I have seen two instances of hoarseness from this cause. In one of them the tumor finally became so large as to obstruct respiration, and thereby to induce death. In the other, the tumor suppurated, and induced a tracheal consumption which likewise terminated fatally.

2 Ulcers in the Trachea ~~and~~ or upon the glottis.

It occurred ~~in the~~ during the prevalence of yellow fever of 1797 in many persons who had no other sign of indisposition,

3 Lophi or calcarious Mallow in the Trachia formed probably from secreted congulable lymph.

4 a Dryness in the Trachia and edges of the glottis from the defect of mucus upon those parts. This is often transient as in Catarrhs, but it is often permanent, as in hard Drinkers and in pulmonary Consumption. It sometimes occurs in the last stage of Dysentery, – But it now and then exists unconnected with any other disease. I have known ~~one~~ an instance of its alternating with head ach. It is much influenced by the Weather, and the state of the Skin. I have known it for years to come on in Cold, & go off in warm weather in a Gentleman

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in this City.

The Remedies for it should be suited to its causes.

1 If there be reason to suspect that it is occasioned by a tumor in the Trachea, which may be known by a sensation like a puncture with a pin, it must be opened by a lancet thrust between the ~~cay~~ rings of the Trachia.

2 If from an abscess or ulcer, or Tophi, the remedy should be a salivation.

3 If it arise from a dryness in the ~~Tra~~ Trachia or Glottis, ~~the cause~~ & especially if it be induced by the weather, the remedies should be general and local bleeding - blisters to the throat - emetics - and a salivation.

The ~~efficacy~~ use of emetics ~~cannot be obvious~~ is indicated by the

~~for as this~~ sympathy of the trachia with the stomach. with these remedies the vapor of horseradish boiled in vinegar and water should be inhaled into the lungs. a powder composed of spermaceti loaf sugar, oil of aniseed & spirit of hartshorn intimately mixed, and licked frequently with the tongue has been useful in curing this disease. I once knew an instance in which a hoarseness of long continuance was suddenly cured by the patients taking a bad cold. The inflammation of the trachia, and glottis in this case probably removed the atony of their vessels.

Paraphonia

or speaking in a whisper. This a lower grade of hoarseness, and occurs from all its causes. I have known it to succeed a typhus fever and the measles & to continue this life. — Its Remedies should be the same as for that disease.

Aphonia

or the total absence of speech arises from deafness in which case it is congenial. The organs of speech are unimpaired in these cases. It has been cured by teaching the subjects of it to speak in the manner formerly described. A new mode has lately been proposed to cure this native aphonia, and that is by rupturing the drum of the ear so as to open a communication between the cavity of the tympanum and the external air

2 Aphonia is induced by Chronic fevers, and by Catarrh. It is induced in these cases by a paralysis of ~~the~~ one or more of the Organs of Speech, and most generally of the glottis.

Its Remedies should be emetics, Blisters, Electricity, and a fabication. Hallowing down the throat has once cured it. —

Stammering

Is a convulsive motion of the muscles which move the Glottis, tongue & lips. It sometimes affects all three of these parts, but more generally but two, or but one of them. The disease is guttural, lingual or labial according to the parts, or part that is affected. The Guttural may be known by the difficulty with which the letters R. and

It are pronounced, when they are the ini=
=tials of a word. The lingual may be known
by the difficulty with which the letter L
is pronounced, and the labial by the dif=
=ficulty with which the letters B: & P: are
pronounced when they are the initials of
a word. When all those letters are pronounced
with difficulty, the disease is ~~seated~~ in all
the three constituents organs of speech.
It is ~~excited~~ induced in all those parts by predis=
=posing debility and excitability. ~~It have~~
~~have known two instances in which it~~
~~was suspended by the temporary tone~~
~~imparted to the organs of speech by~~
~~the excitement of an acute fever.~~

The Remedies for this disease should be accommodated to the ~~[illegible]~~ organ, or organs of Speech that are affected, and they should all be of a stimulating nature. The following facts prove the propriety of this remark.

1 Demosthenes the famous Orator of Greece was afflicted with this disease in early life. He cured it by speaking to the waves of the Sea when they were agitated by the Wind, and by holding pebbles in his mouth. The former gave tone to the Glottis, the latter to the tongue, in which parts his Disease was seated.

2 It was cured in a son of Dr Darwin's

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by sending him from home at twelve years of age, and obliging him to learn the french language. The exertions of all the three organs of Speech is necessary to pronounce the words of a new language, many of which being difficult to English-~~organs~~-men, gave tone to those organs and thus cured him.

3 Dr Darwin ~~Spoke~~ who stammered when sober, spoke fluently when under the in-fluence of strong drink. I know a Gentle-man in this city in whom a few extra glasses of wine have the same effect, in the same disease. The liquor in both these cases imparted a temporary tone

to the organs of speech in which the predis-
-posing debility to the disease existed.

4 The disease is at all times suspended by singing, laughing, and speaking slowly. Of this I could mention several instances. The late Revd Dr Rodgers of New York was cured ~~by the~~ of stammering wholly in the pulpit, by slow speaking, bordering ~~with~~ upon a tone which approached to music. All these remedies act only by giving tone to the organs of speech.

5 I have known two instances in which the disease was suspended by the temporary tone ~~or excitement~~ given to the organs of speech by the excitement of an acute fever. It was suspended in George 3.rd of England

6 The disease is always encreased by Anger and terror.

7 It is sometimes acquired by imita-
-tion.

during his paroxysms of madness.

From these facts we are led to suggest the following Remedies for this disease

1 If the Glottis only be affected what would be the effect of Blisters, and shocks of Electricity applied to the Larynx, in addition to one of the remedies that cured Dr Moslhones - that is hallowing?

2 If the tongue only be affected what would be the effect of polished substances kept constantly in the mouth such as smooth pebbles, or pieces of polished metal?

3 If the seat of the disease be in the lips what would be the effect of inflaming them by mild irritants of any kind?

4 If but two of the organs of speech be affected, or all of them what would be the effect of employing all the remedies I have suggested for each of them?

As a palliate remedy for this disease Dr Darwin advises, ~~not~~ always to avoid an attempt to pronounce the first syllable of a word that contains any of the letters that excite it. Thus if the disease be seated in the glottis, and it should be necessary to pronounce the words Religion, or happiness ~~should occur~~ the words Piety & felicity should be substituted to them. If the disease be seated in the tongue, and it should be necessary to pronounce the word Love, the word affection should be preferred to it, & if it be seated in lips, & ~~the~~ it should

In this manner the Revd Jos: Wade a celebrated ~~preacher~~ Clergyman in the London ~~concealed his~~ who was affected with Stammering, ~~by words~~ concealed it from his Audience by always substituting ~~words to the~~ Synonymous words to those he could not utter without Discovering his disease.

be necessary to pronounce the words beauty=
=ful, ~~and~~ or prudence, the words handsome
and discreet should be chosen instead of
them, to convey the ideas of those ~~ment~~ bodily
and mental qualities. If the disease be
seated in two or in all the Organs of Speech the same care=
=tion should be extended to all the words
that begin with letters or syllables that
cannot be uttered without stammering.

As the disease is increased by anger &
terror, ~~both~~ the exciting causes of both
ought to be carefully avoided, and as it
is sometimes acquired by imitation,
young persons should be carefully separated
from the persons who are affected with it. It
is most apt to be acquired, where the

subject of it ~~is beauty~~ has other qualities that are of an estimable nature.

There is one more fact connected with the history of this disease, ~~that you will hear with~~ more extraordi= =nary than any that has been mentioned, and that is, persons who are affected with it, are ~~now~~ sometimes igno= =rant of it. ~~I know~~ Of this I have heard of one, and known another instance. A ~~gentleman~~ physician in Maryland who was once my pupil was much affected with this disease. ~~Some years ago~~ Some time after he left me, he brought a daughter ~~of~~ a pleasant little girl of about 12 years old to our city to be placed in a boarding school. This little girl stammered ~~in~~ very much ~~in her fathe~~ in speaking. ~~He~~ Her father mention= =ed it to

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me with concern in his usual Hammering way, and wondered where the little hunchy had learned it. A more remarkable instance of self deception is ~~scarcely~~ rarely to be met with, especially - to a bodily defect. The little girl was happily cured of it, and only by her being separated from her father.

Of the Disorders of the organs of Speech.

I have already mentioned several of them, but there is one more which seldom affects either the voice or speech, and that is a preternatural secretion or excretion of mucus in the trachea. Sometimes it assumes a pustiform appearance. ~~and again~~ In both cases it is sometimes of a black color. This color is often induced by inhaling the smoke

of candles, but more frequently of lamps, - hence it has been observed most frequently in the morning after passing the previous evening at the theatre which is generally illuminated only by lamps in which a dark coloured oil is burnt. The most copious discharge of this mucus and puriform matter is in the morning, and in damp weather. It has been called a Tracheal Glut. It sometimes brings on what has lately been called the tracheal consumption, but I have known three instances in which it has continued ~~for~~ from early life to ~~an~~ a great age without in the least impairing general health. One of these persons lived to be above 80 years of age. The other two lived to be above seventy.

I have known two persons in whom this glut was congenial and external — that is they had a constant discharge from a small aperture upon the trachea which resem=bled in every respect the smallest which were hawked up from it, and discharged from the mouth. One of them was in a Clasmate of mine at a School in Westmor=tingham in Maryland. I do not know that it communicated with the trachea, but it was generally said that it did. This Clasmate enjoyed good health, had no cough, and died in the year 1807 above 60 years of age. His death was induced by large tumors in his neck, perhaps induced by the stoppage of the discharge upon his trachea.

From the salutary effects of this external discharge in the case that has been mentioned, perhaps an artificial discharge of the same kind might be useful in preventing Consumption and other inconvenient effects when the discharge is internal.

~~of~~ The Disorders of the Lungs as connected with Voice & Speech I have mentioned in treating upon pulmonary Consumption.

I have mentioned likewise in ~~another place~~ the Disorders of the Liver & Spleen in speaking of their diseases.

The Omentum is subject to an excess of fat, to tubercles, and Obstructions.

Upon the Subject of the Cure of Visceral Obstructions of all kinds, I shall barely mention

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that in addition to mercury, exercise & baths, low diet ~~abstinence~~ has sometimes had wonderful effects in resolving them. Recollect the fact formerly mentioned of a number of British Officers who were taken prisoners by Tippoo Said in the East Indies, and who were all indisposed with Visceral Obstructions. They were fed with ¼ pound of Rice daily & drank nothing but Water. ~~When they were exchanged after a long captivity~~ all of them recovered, without a vestige of their disorder being perceptible to any of them. When they were exchanged after a long captivity, they found most of their brother officers whom they had left indisposed with the same complaints, ~~they~~ found most of them dead. This fact suggests an important remedy for visceral & perhaps other obstructions, and that is abstinence bordering upon fasting.

I compared the Lymphatics in our Physiology to Swine that feed upon the filth of our streets. I have said that the Lymphatics become hungry in ~~famine~~ fasting. We see this in Dropsies in which they absorb water, and in fevers in which they absorb fat. By the same means may they not be let loose upon all other matters in the body that are redundant in quantity or of an offensive quality. I have often seen tumors subside & disappear during a chronic fever. Even Buboes have thus evanished from our senses. In ~~also~~ employing ~~simple~~ this remedy ~~diet~~, it will be necessary ~~chiefly~~ to abstract not only very nourishing aliment, but to lessen its quantity. A little salted meat or fish, and a few tonic medicines may be given at the same time in order to preserve the tone of the stomach & bowels. The Lymphatics are too nice, and too glutenous to blunt their appetites by feeding upon either of them.